The Wobbly Oscillator
Cuyahoga Amateur Radio Society
June 2024 Volume 54 Number 6
Hams Who Serve
If It's June- It's Field Day

From The Prez
Toby, WT8O

Field Day

Get ready for the biggest ham radio event of the year – Field Day. CARS will hold our six station effort at Elmwood Park in the Independence municipal complex on June 22nd and 23rd. Operating hours are from 2:00 PM Saturday until 2:00 PM Sunday. We will be setting up our equipment Friday evening and Saturday morning.

There will be an opportunity for everyone to operate and make contacts since we will have stations for Single Side Band, Morse Code (CW), and FT8 Digital. We will also have a VHF – UHF station for those so inclined. All stations will be manned by an experienced control operator to help anyone who has never contested before. There is nothing to be timid about, all the seasoned operators had to work through their first Field Day contact. In most cases, they did not have the support of the qualified operators we will have this year to assist.

We also need to know who will be there for Saturday's dinner in order for us to order enough food. Please contact Bob Robins, K8RGI, me, or sign up at the June meeting to make a reservation.

June Picnic Meeting

Summer is here, and after spending hours gazing out the window at snow covered landscapes, it's time to get out and enjoy our beautiful Metroparks and join your fellow CARS members for our first picnic meeting of the year. We will have the grilles blazing by 6:30 enabling everyone to cook out and eat before the actual meeting. It's been nice to see more and more people bring something to throw on the grille and dine on the picnic tables that last few years; hopefully the upward trend will continue. All we need is the good weather we have usually been blessed with.

Hamvention Bus

The Hamvention bus was an incredible success this year, due to the organizing efforts of Eddie Stevens, KD8FTS. We departed right on time from Middleburg Heights making two additional stops to pick up riders in Brunswick and Lodi. The luxury land cruiser roared south to Xenia getting us there when the gates opened.

The bus was attended all day by our driver, and with the speedy shuttles provided by the fairgrounds we were able get back to the bus all day long in just a couple minutes to store purchased items or rest for a while.

The bus departed later than in past years, giving those who wished time to attend late afternoon forums. On the ride home some people already signed up for next year's Hamvention bus.

Parade

The Seven Hills Memorial Day Parade went splendidly with CARS members providing communications, traffic handling, and general assistance.

The weather looked pretty "iffy" with raindrops falling as our crew assembled around nine in the morning. For a while it teetered between heavy and light rain, but the skies cleared by the time parade participants started to arrive. It soon stopped raining all together, followed by bright sun – perfect parade weather.

Thanks to all those CARS members who helped out. Scott, AC8NW, and Bob, K8RGI, pounded in twenty-some numbered flags designating the gathering areas for each group. Eddie, KD8FTS; Joe, KD8BAL, and John, NU8Y, were the gatekeepers; controlling the crazy incoming traffic and helping every carload of participants find their group. Ron, K8RJH; Bruno, W8BJS, and Matt, KE8OZU, helped line up the groups and controlled the outgoing traffic.

Even though we are "Hams that Serve," and involved in public service, we appreciate how the City of Seven Hills repays us with venues for our ham radio licensing classes, Morse Code classes, and a yearly evening VE testing session.

Ron

There is no way I can pass up the opportunity to thank and congratulate Ron, K8RJH, not only for all he does for CARS, but for making our newsletter bright and colorful with his excellent pictures. Looking at his photos, one must agree he really has the knack for taking outstanding pictures.

In the past we had a club photographer. Since the unfortunate passing of Larry, N8OWS/SK, we have been without a club photographer. I requested for many months someone step up and fill the vacancy – no takers. In the interim, we pitched in taking pictures, although it is Ron supplying the lion's share of the photos.

We arrived in style at the Hamvention. (L)

What would a parade be without a brass band? (R)

May 2024 Meeting Minutes

LOCATION - The meeting was held on May 14th at the Busch Funeral Home on Ridge Road in Parma, Ohio.

CALLED TO ORDER - President Toby Kolman, WT8O, called the meeting to order at 7:30 PM.

PLEDGE OF ALLEGIANCE - Those present pledged allegiance to the flag of the United States of America.

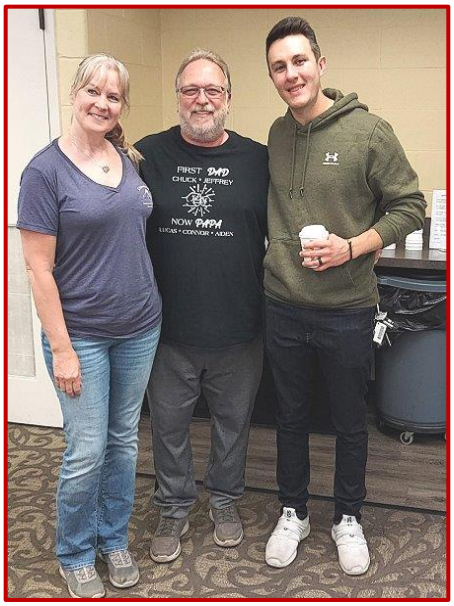
INTRODUCTIONS - Those present introduced themselves. The meeting had 26 attendees.

APRIL MINUTES - The April minutes, as published in the May issue of the *Wobbly Oscillator (WO)*, were approved with one correction noted: the wrong call sign was used in the caption of a photo on page four. *[Bob Robbins call sign should have been K8RGI. Ed.]*

TREASURER'S REPORT - Matt Perlman, KE8OZU, provided an update on club finances. No concerns were reported with the financials. We currently have 107 paid members.

PRESIDENT'S REPORT - Toby Kolman, WT8O, reported the following:

- New Members
    - New Members introduced themselves.
    - The following new members were voted into CARS: Eric Halcik, KE8ZSJ; Mack Flynn, KF8AYT; Ben Gray KF8AYY; Mike Hren, KF8AYN; Rob Haladay, KF8BAO; Luke Liptak, KF8AZX, Logan Liptak, KF8AZW; Dave Mathis KF8AYN; Chuck Pedro, KF8AYX; Denise Pedro, KF8AYW; Daniel Reed; Courtney Schrader, KF8BBE; Zoey Schrader, KF8BBA, and Bryan Schrader, KF8AYZ.
- Update on the Hamvention Bus.
- Update on the Memorial Day parade.
- Field Day is June 22-23, and CARS will operate from Elmwood Park in Independence, Ohio. Sign up for dinner, t-shirts, and participation.
- Mentoring sessions - Think of ideas for how we can do this and be prepared to share them at a future meeting.



New hams and new CARS members Denise, KF8AYW; Chuck, KF8AYX, and Mack, KF8AYT, looked happy attending their first CARS Meeting. (L)

It was sure good to see Gary, NI8Z, attend the meeting and hook-up with some old buddies and meet new friends.

VICE PRESIDENT'S REPORT - Ron Hollas, K8RJH, reported the following:

- Consider the value of ARRL Membership! - Long Standing, Growing Services, Public Service, Education, Advocacy, and Technology Access
- Support CARS with your membership renewal!
- ARRL Learning
- The ARRL online training courses;
- Basic EmComm and Intermediate EmComm are now available in the ARRL Learning Center at https://learn.arrl.org/.
- ARRL will add two additional Learning Center courses later this year, "Advanced EmComm" and "ARES Leadership." Details will be available in the next few weeks. These training courses replace the legacy EC-001 and EC-016 Public Service-learning tracks.
- The PR-101 "Public Relations" course will continue to be available.
- Latest ARRL Podcasts:
- April 11 - Served Agencies: Who They Are and How We Serve Them
- May 8 - ARRL Forums at Dayton Hamvention
- ARRL Audio News – For the latest in amateur radio news and developments, available and posted weekly every Friday. Check out ARRL.org for the audio link subscriptions to these podcast files.
- Reminder: Be sure to register and update your NOAA Weather Spotter Status, email stormcle@noaa.gov for more information.

Denise, KF8AYW, won the 50/50 on her first time out.

SECRETARY'S REPORT - Secretary Matt Neely, NU8H, no updates.

BOARD UPDATE - Mark Moro, WJ8WM, shared that the next Board meeting is on May 16th at 6:30 PM at the Club House, 6365 Pearl Rd, Parma Heights, OH 44130. All Club members are welcome to attend Board meetings, but only Board members and officers can vote. Let Mark know any items you'd like covered so he can put them on the agenda.

PUBLIC SERVICE - Chuck, K8CVM, shared all CARS members are invited to the local ARES meeting. The meetings are held at the Helwig Whistle Stop on the third Tuesday of the month. Visit https://n8esg.org/ for details and to volunteer.

VE UPDATE - Metro, W8MET, reported that the last sessions went well. They held a special session for people who participated in the CARS licensing classes. During this special session, 16 people were licensed. During the last normal session, two Technicians and one General were licensed.

PROGRAM COMMITTEE - Joe, KD8BAL, reported that:

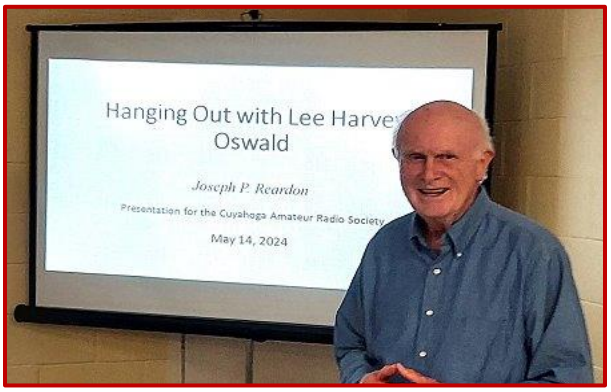
- Tonight, Joseph Reardon is presenting on "Hanging Out with Lee Harvey Oswald."
- Next month - Al Farley, KF8BBC, will be presenting on the Torso Murders.

TECH COMMITTEE - Scott, AC8NW, reported the committee is working on a few repeater issues.

OLD BUSINESS - Toby, WT8O, led a discussion on the following:

- 10 (HF) Meter net is stagnant
- Positions meeting to be filled - Holiday party/Picnic committee, refreshments, and a backup secretary.

The group getting ready for the presentation.



John Reardon gave a great talk about his time spent with Lee Harvey Oswald.

REFRESHMENT – Thanks to Ron, K8RJH; Matt, NU8H; and John, NU8Y.

NEXT MEETING - The Cuyahoga Amateur Radio Society's next meeting will be on June 11th at the Harriet Keeler picnic area in the Brecksville Reservation

ADJOURNMENT - Toby, WT8O, adjourned the meeting.

50/50 Drawing - Denise Pedro, KF8AYW, won the 50/50 drawing.

Submitted by Matt Neely, NU8H, CARS Secretary

Correction

The caption for the photo on page four of the May, 2024 *Wobbly Oscillator* incorrectly listed Bob's, K8RGI, call sign.

Next CARS Meeting

Tuesday, June 11 - 7:30 PM

Harriet Keeler Picnic Area
Brecksville Reservation
Cleveland Metroparks

Al Farley - KF8BCC

Will present a program on:

Cleveland Torso Murders

See Website for Details - www.2cars.org

June Net Sked

June	5	AC8TN
June	12	WT8O
June	19	K8RJH
June	26	KD8ACO

Nets are run every Wednesday at 9:00 PM on:

146.820 (PL 110.9)

443.825(+) PL Tone 131.8
Digital Yaesu Fusion / C4FM
Linked to the 146.82 Repeater

EchoLink Node 343470 (K8ZFR-R)

Allstar Node 47067

WIRES X Node 91242-Room 01242

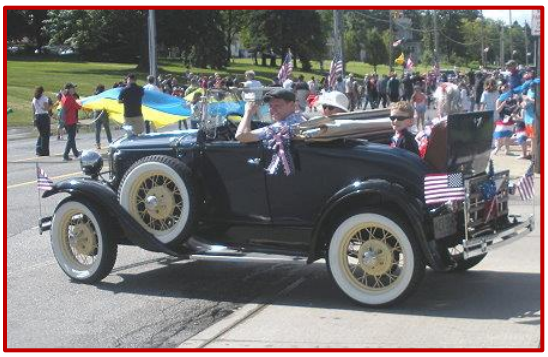
The Memorial Day Parade

Early on, the weather looked ominous. Soon, Mr. Sun came out to dry the streets and provide perfect sunny weather.

The color guard reminded everyone of the true meaning of Memorial Day.

The Ghostbusters are always on hand to ward off any gremlins.

John, NU8Y; Ron, K8RJH; Bob, K8RGI; Bruno, W8BJS; Scott, AC8NW; Joe, KD8BAL; Matt, KE8OZU, and Eddie, KD8FTS, kept everything running smooth as silk.



A quality parade always has it's share of cool rolling stock. The Seven Hills Memorial Day Parade was no exception, featuring a real military Humvee, editor's friend Jeff's pristine Ford Model "A", and a Seven Hills fire engine.

CARS Board of Directors Meeting May 16, 2024

LOCATION — The Clubhouse Restaurant in Parma Heights, Ohio

MEMBERS IN ATTENDANCE — Mark Moro, WJ8WM, Board Chairman; Toby Kolman, WT8O; Scott Smith, AC8NW; John Dernar, NU8Y; Eddie Stevens, KD8FTS, and Arp Viiberg, K8ARP

CALLED TO ORDER — The meeting was called to order by Chairman Mark Moro, WJ8WM, at 7:30 PM.

MOTION — Toby, WT8O, motioned, and Board unanimously approved the following:

- In the future, CARS Dues shall be revised to
- $10.00 per year for members 18 years of age
- and younger and also members that are
- full time students.

This by-law change will be presented to the general membership for consideration.

DISCUSSION — The Board discussed the Following items:

- Hamvention bus trip
  - Toby, WT8O, commented that the bus will not leave Hamvention until the show ends at 5:00 PM. A few riders were interested in attending seminars that were scheduled to last until the show ended. In past years the bus often departed a few hours earlier.
    Eddie, KD8FTS, commented that a bus has been reserved again for next year.

- Field Day
  - Toby, WT8O, said that he reserved generators for the event. It was reiterated that participants are invited to visit and tour the Field Day site in Independence, after the Seven Hills Memorial Day parade.

ADJOURNMENT — Mark, WJ8WM, adjourned the meeting at 8:00 PM and thanked those who attended.

Submitted by John Dernar, NU8Y,
CARS Board Member

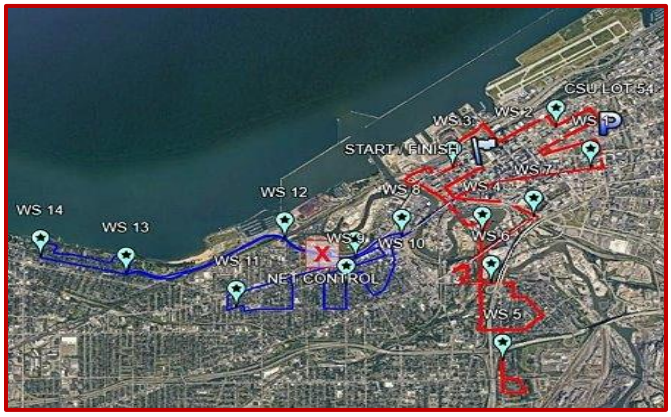
The 2024 Cleveland Marathon, Everyone is a Winner

Ron, K8RJH

The Cleveland Marathon is a premier annual event for Amateur Radio operators to demonstrate communication and public service skills in our local community. This year was the 47th running of the event, distinguishing it as one of the oldest marathon programs in America. This two-day event, hosted on May 18-19, 2024, offered five athletic challenge levels for individuals to participate, regardless of their abilities. The real winners not only included the runners, but many local community charities that supported this event making this a very worthwhile cause.

The final results of this Sunday's 2024 Cleveland Marathon totaled 1,587 runners which crossed the 26 Mile full marathon finish line and 3,652 runners that completed the 13.1-mile half marathon course. The Marathon was made possible through numerous individuals and organizations that volunteered their time with staffing this large event.

Stretching from Downtown Cleveland through Edgewater Park and a turn-around in the Gold Coast, Amateur Radio provided the core communication and situational awareness coverage of the 2024 Cleveland Marathon.

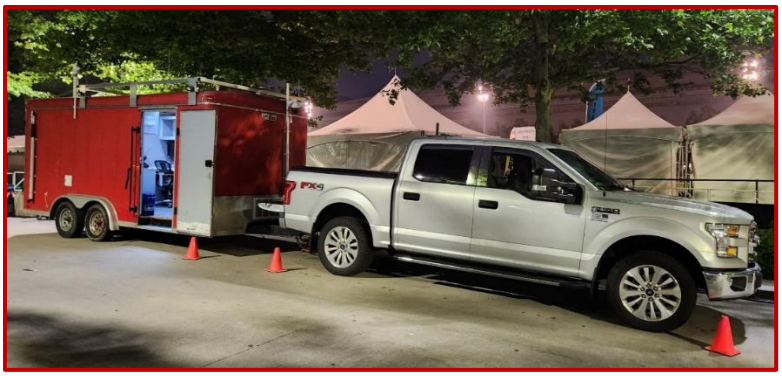


The running course had 26 Amateur Radio volunteers strategically deployed using VHF/UHF Voice and APRS (Amateur Radio Positioning System), offering the Race Organizers with real time conditions and race progress.

Twenty-six amateur operators volunteered in this Saturday morning event from the local Cleveland area, of which five are active CARS members. These CARS club members participating in this year's Marathon support were Chuck Mehozonek, K8CVM; Gary Berkowitz, K8REF; Bill Brown, N8BBB; Simpson Huston, N8UZF, and Ron Hollas, K8RJH. The K8ZFR 146.82 MHz Club repeater was part of the communications plan being the backup channel for this event.

Street view of the 5,000 plus running participants competing in the 2024 Cleveland Marathon.

The City of Cleveland Emergency Operations Center was activated on Sunday to provide enhanced public safety roles on several scheduled events which included the Marathon, graduation programs, festivals and sporting games scheduled in the downtown area.



A new addition in the Amateur Radio ARES / N8ESG support group included the debut of a custom-built "Mobile Command Center" trailer. (L)

Chuck, K8CVM is one of the lead designers who custom built this comms trailer specifically for supporting Public Safety events in the Cleveland area. (L)

This is a view of the inside of the new ARES trailer with Matt Nickoson, KC8NZJ (foreground) operating as Marathon net control. Chuck Mehozonek, K8CVM is operating as Liaison Support and Operations Tech Director. Both are monitoring the Marathon in real time. (R)

Event Coordination is managed by the N8ESG Emergency Support Group ARES volunteers. Their assignments, seamlessly interface with event organizers, including local public safety, fire, medical resources with the Cleveland Emergency Operations Center (EOC). (R)

By any metric, this year's Cleveland Trilithon was a success. It gave me a chance to further improve my operating skills, meet new local area amateurs, and provide community support for a local event. Again, I recommend this annual public service event for any amateur who would like to experience volunteering their operating skills at a large event for the first time.

Next Year's 2025 Cleveland Marathon is scheduled on May 17-18, 2025.

For Additional Information:

The Cleveland Marathon Event and Planning - https://www.clevelandmarathon.com

Amateur Radio (ARES) and Volunteer Scheduling - https://n8esg.org

This is the view from within the Cleveland EOC position staffed by Ron Hollas, K8RJH. The assignment at this location was to be a liaison resource to the Mobile Command Trailer, and function as backup net control if necessary. (L)

Note the 2 computer displays shown in the operating position. The left display reports the APRS beacons of the Marathon course The second display located in the center contains real time logging and situational reports that are shared and updated from the N8ESG Comms trailer. (L)

Dayton Hamvention 2024
John, NV8Y

There were 35 Hams aboard the bus to Dayton this year. We departed Middleburg Heights promptly at 5:30 AM and picked up riders at two more locations along the way, arriving comfortably at the Green County Fair Grounds at 9:30 AM.

The bus ride started out kind of quiet, but once the sun came up most riders were busy chatting with the other enthusiastic hams.

When we arrived at our destination, we boarded extended length golf carts and were chauffeured to the show entrance. By this time, there were already a lot of people busy mulling around the property.

Like other years, the main buildings were jammed full of radio manufacturers and the usual radio retail suppliers. The big booths were occupied with the likes of Yaesu, Icom, HRO, ARRL, Elecraft, Flex Radio, Diamond Antenna, DX Engineering, Giga Parts, and a whole host of others. Everyone who has a name in Ham Radio was probably there.

The manufacturers had their top-notch people there, ready to answer questions and show off their offerings. If you had with a specific radio question, this was the place to ask it.

The Flea Market area was physically improved since last year. The rough terrain had been massaged and the large stones and tripping hazards were, for the most part, all gone. Other than some muddy areas lingering around from the previous day's rain, the infield area was very acceptable. Hats off to the Fair Board for this much needed improvement. There must have been hundreds, if not seemingly thousands of tents set up with people selling most anything you could imagine.

The midway was loaded with all sorts of food and drink vendors. There were plenty of stops to choose from.

Multiple halls were hosting forums on a variety of topics all day long. There appeared to be lots of people in attendance. When it warmed up in the afternoon, the forums in the air-conditioned halls were jam packed.

Hamvention 2024 was a great success and an event we can all be proud of. I hope you enjoyed it. If you did not make it this year, plan on joining us on the CARS bus next year.

DX Engineering had a large display with many product lines staffed by knowledgeable experts. (L)

"Ham and Quackers" ducks chaperoned by Junie Cassone, N1DUC. (R)

The Hamvention goers rode in comfort and style.

The flea market offered any imaginable radio product.

May VE Session

Once again, Metro, W8MET, competently led his outstanding VE team consisting of Gary, NI8Z; George, K8KR; Roger, N8TCP; Steve, K8SAS; Fred, K8IG, and Linda, N8LRS to another successful VE Session on Sunday May 12th, 2024, at the Old Elmwood Recreation Center in Independence.

Two hams passed their Technician exams becoming licensed amateurs. Congratulations to Brian Mann * and Zach Resmer*, and welcome to the Amateur Radio Service. Zachary Resmer also upgraded to General.

Well done by all.

The next VE testing session will be held Sunday, July 14th, at 9:15 AM at the Old Elmwood Recreation Center, 6200 Pete Wisniesky Parkway, Independence 44131. Directions and a map are on the CARS website homepage. For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net

As always, walk-ins are welcome.

*Call signs not issued at time of publication.

CARS Repeaters

146.820 (-) PL Tone 110.9

Analog Repeater

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

AllStar Node 47067

EchoLink Node 343470 (K8ZFR-R)

WIRES X Node 91242 Room 01242

****

443.825 (+) PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.820 Repeater

Brecksville

****

444.75 (+) PL Tone 131.8

Analog Repeater

Not Linked to Other Repeaters

Shaker Hts.

Bylaws Change

The following changes to the CARS bylaws have been recommended by the Board of Directors. They will be presented at the June CARS monthly meeting, published in the June and July editions of the *Wobbly Oscillator*, and be voted on by the members present at the July CARS monthly meeting.

Current bylaw wording:

DUES

14-006:

Dues in the amount determined by the Executive Board shall be paid by all Members. Currently dues for Full Members shall be twenty Six dollars ($26) per year, Seniors over sixty (60) years old shall be eighteen dollars ($18) per year, Family Members shall be sixteen dollars ($16) per year, providing the Full Members dues have been paid in full for the Membership Year, and Honorary Members shall not pay dues for life.

Proposed change 1:

DUES

14-006:

Dues in the amount determined by the Executive Board shall be paid by all Members. Currently dues for Full Members shall be twenty Six dollars ($26) per year, Seniors over sixty (60) years old shall be eighteen dollars ($18) per year, Family Members shall be sixteen dollars ($16) per year, providing the Full Members dues have been paid in full for the Membership Year, Members eighteen (18) years of age and younger and also Members that are full-time students shall be ten dollars ($10) per year, and Honorary Members shall not pay dues for life.

[The proposed change sets the yearly dues for Members eighteen (18) years of age and younger and also Members that are full-time students shall be ten dollars ($10) per year.]

Proposed change 2:

The current spelling of “By-law(s)” shall be updated to “Bylaw(s)” throughout the document.

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC
Elected 2/10/15

Thomas Wayne, WB8N
Elected 1/10/17

Dwaine Modock, K8ME/SK
Elected 5/9/17

Toby Kolman, WT8O
Elected 10/10/17

Jerry Smith, NW9H
Elected 5/8/18

Ron Borkey, K8VJG/S
Elected 5/14/19

Ed Stevens, WB8ROK/SK
Elected 8/10/21

Vince Bak, N8OVW/SK
Elected 11/14/23

The *Wobbly Oscillator* is a publication of the Cuyahoga Amateur Radio Society. Articles from this publication may be reprinted in any ham radio publication, if credit is given to this publication and the author, if known. All submissions should be emailed to: Toby Kolman, WT8O at wt8o@att.net

2024 CARS Committees, Officers, Board and Trustees

CARS 2024 Committees

50/50
Chair: Andy Evridge, KD8SCV

Audio/Video
Chair: Scott Smith, AC8NW

Awards
Co-Chairs: Bob Check, W8GC and Toby Kolman, WT8O

Fund Raising
Chair: Bob Check, W8GC
Members: Ron Hollas, K8RJH, Matt Perlman, KE8OZU and Gary Schmid, WA8GCR

ARRL Liaison
Chair: Ron Hollas, K8RJH

Audit
Chair: Ron Hollas, K8RJH
Members: Eddie Stevens, KD8FTS and Toby Kolman, WT8O

Field Day
Co-Chairs: Bob Robbins, K8RGI and Toby Kolman, WT8O
Members: Scott Smith, AC8NW, David Korow, AC8TN, Arp Viiberg, K8ARP, Ron Hollas, K8RJH, Andy Evridge, KD8SCV and Mark Moro, WJ8WM

Hamvention Bus
Chair: Eddie Stevens, KD8FTS
Member: Toby Kolman, WT8O

Historian
Chair: Toby Kolman, WT8O

Holiday Party, Summer Picnic
Chair: Toby Kolman, WT8O
Members: Arp Viiberg, K8ARP, Kim Balach Costa, KD8FTU, Diane Balach, KD8FTV and Mark Moro, WJ8WM

License Classes
Chair: David Noeth, KD8ACO
Members: Joel Chaney, K8SHB and Toby Kolman, WT8O

Media Representative
Chair: Andy Evridge, KD8SCV

Membership
Chair: Toby Kolman, WT8O
Member: Matt Perlman, KE8OZU

Net
Chair: Toby Kolman, WT8O
Members: Scott Smith, AC8NW, David Korow, AC8TN, Ron Hollas, K8RJH and David Noeth, KD8ACO

Newsletter
Chair: Toby Kolman, WT8O

Programs at Meetings
Chair: Joe Ulaszewski, KD8BAL
Members: Eddie Stevens, KD8FTS and Matt Perlman, KE8OZU

Property to Sell Custodian
Chair: Bob Check, W8GC

Public Service
Chair: Eddie Stevens, KD8FTS
Member: Arp Viiberg, K8ARP

QSL Manager
Chair: Metro Sinko, W8MET

Quartermaster
Chair: Toby Kolman, WT8O

Records Custodian
Chair: Terry Pillatt, KB8DTC

Refreshments - Coffee
Chair: John Dernar, NU8Y

Refreshments - Donuts
Chair: Matt Neely, NU8H

Refreshments - Pop
Chair: Ron Hollas, K8RJH

Scholarship
Chair: Bob Check, W8GC
Members: Bob Robbins, K8RGI, Ron Hollas, K8RJH, Matt Perlman, KE8OZU and Toby Kolman, WT8O

Sunshine (Welfare)
Chair: Andy Evridge, KD8SCV

Technical
Chair: Scott Smith, AC8NW
Members: Mark Scoville, AD8KE, Ron Hollas, K8RJH, Terry Pillatt, KB8DTC, Mark Rosewicz, KC8ESG, David Noeth, KD8ACO and Mark Moro, WJ8WM

VE Exams
Chair: Metro Sinko, W8MET

Webmaster/email
Chair: Bob Check, W8GC
Member: Matt Perlman, KE8OZU

2024 Officers

President
Toby Kolman, WT8O
440-525-6109
wt8o@att.net

Vice-President
Ron Hollas, K8RJH
216-379-7440
ron@hollas.co

Secretary
Matt Neely, NU8H
216-965-4476
matt@matthewneely.com
Alternate Secretary: Matt Perlman, KE8OZU

Treasurer
Matt Perlman, KE8OZU
216-337-1540
matt@seagem.me

CARS 2024 Executive Board

Board Chair

Mark Moro, WJ8WM
216-496-2871
Alternate: Arp Viiberg, K8ARP

Odd Year Board Members

Arp Viiberg, K8ARP, Bob Robbins, K8RGI and Eddie Stevens, KD8FTS

Even Year Board Members

Scott Smith, AC8NW, John Dernar, NU8Y and Mark Moro, WJ8WM

CARS License Trustees

K8ZFR Trustee

Toby Kolman, WT8O

W8HBI Trustee

Bob Check, W8GC

W8BM Trustee

Bob Check, W8GC

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